

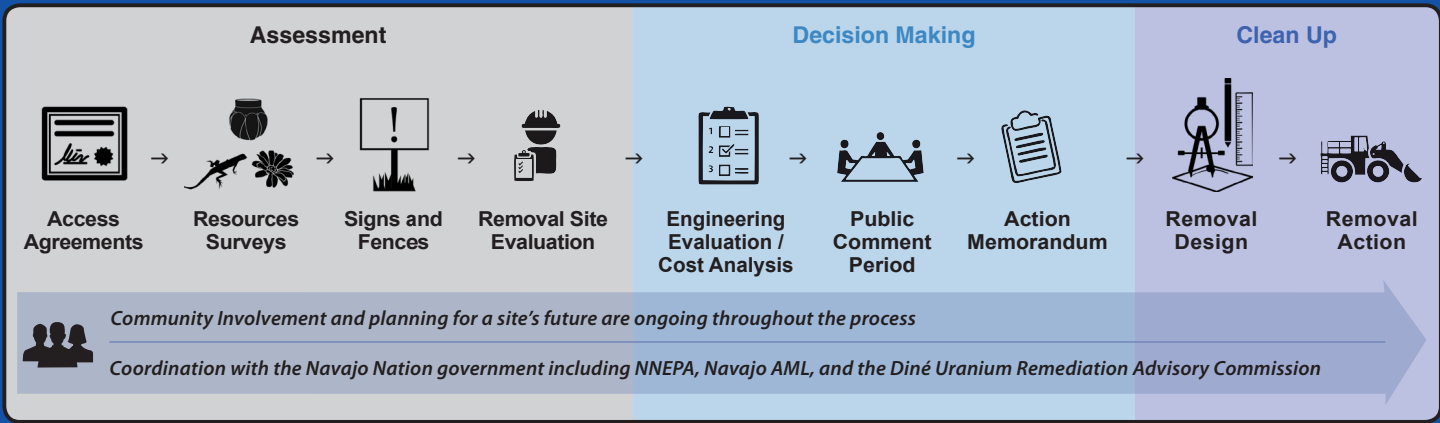
PHASE 1 TRUST SETTLEMENT

In 2015, the Navajo Nation and the United States entered into a \$13.2 million settlement called the Phase 1 Settlement. The Phase 1 Settlement includes one trust account, the Phase 1 Trust, and is managed by an independent trustee, with USEPA and NNEPA oversight. This settlement provides funds to assess 16 priority mines on the Navajo Nation, including two in the Central AUM Region. In 2015, assessment work began at these priority mines: Claim 28 and Occurrence B. The Removal Site Evaluation reports, which provide information needed to determine the extent of contamination at these mines, were completed in 2018.

PHASE 2 TRUST SETTLEMENT

In 2016, the Navajo Nation and the United States entered into an additional legal settlement called the Phase 2 Settlement. The Phase 2 Settlement includes two trust accounts: the Phase 2 Removal Site Evaluation (RSE) Trust and the Phase 2 Priority Orphan (PO) Trust. The Phase 2 trusts will be managed by independent trustees, with USEPA and NNEPA oversight. The Phase 2 RSE Trust provides funds to assess 30 mines on the Navajo Nation (including 13 mines in the Western AUM Region) and conduct two water studies, one of which is at the Claim 28 mine. The Phase 2 PO Trust will provide funds to clean up the 16 mines assessed under Phase 1 Trust, as needed, including the two mines in the Central AUM Region: Claim 28 and Occurrence B.

Superfund Process on the Navajo Nation



Reduce Your Contact with Uranium and Radiation

Steps to keep yourself safe:

- Stay away from abandoned mines and mills
- Find out if your home is a contaminated structure
- Use regulated water for human needs
- Never use unregulated water for human needs—even if it looks ok
- Use good water hauling practices to keep your water clean
- Get regular cancer screenings, like pap tests, mammograms, colonoscopies, and other cancer screenings

For More Information

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USEPA Navajo Abandoned Uranium Mine webpage: [www.epa.gov/navajo-nation-uranium-cleanup](http://www.epa.gov/navajo-nation-uranium-cleanup)



NAVAJO NATION

U.S. Environmental Protection Agency • Region 9 • San Francisco, CA • April 2019

Central Abandoned Uranium Mine (AUM) Region

Number of abandoned uranium mines in Central AUM Region: 28  
Of these 28 mines, funds are available to begin the cleanup process at three mines

Central AUM Region includes the following Chapters:  
Chilchinbeto, Rough Rock, Many Farms, Chinle, Tselani, Tachee-Blue Gap, and Black Mesa

PRIORITY MINES AND SETTLEMENTS

USEPA, in partnership with the Navajo Nation EPA (NNEPA), has identified 523 total AUMs on the Navajo Nation. Of these 523 AUMs, 46 mines were identified as “priority mines” based on radiation levels, proximity to homes, and potential for water contamination.

Funds are available to begin the cleanup process at three mines, approximately 11% of the mines in the Central AUM Region, including two priority mines and one water study. USEPA continues to look for companies responsible for the AUMs in this region to assess and clean up the remaining mines in this region.



Claim 28 is an abandoned uranium mine in the Tachee-Blue Gap Chapter where the Phase 1 Trustee conducted an investigation. Additionally, the Phase 2 Settlement provides funds to conduct a water study and cleanup the mine.

**Table 1:** Summary of the Central AUM Region identifying the name of the potentially responsible party or trust responsible for mine cleanups, the number of mines, and the status in the Superfund process.

See section below "Legal Agreements and AUM Cleanup Activities" for more information on the settlements.

Name of Potentially Responsible Party or Settlement	Number of Mines*	Superfund Process Status
Phase 1 Trust (limited to mine assessment)	• Two priority mines	• Removal Site Evaluation reports completed in 2018 • A water study at one priority mine will begin in 2019
Phase 2 RSE Trust (limited to water study)		
Phase 2 PO Mine Trust (limited to mine cleanup, as needed)		
Cyprus Amax Minerals Company (Cyprus Amax) and Western Nuclear, Inc. (Western Nuclear)	• One mine	• Removal Site Evaluation to be conducted in the future
Total	Three mines (two of which are priority mines)	

\*One mine claim can include more than one site.

Legal Agreements and AUM Cleanup Activities

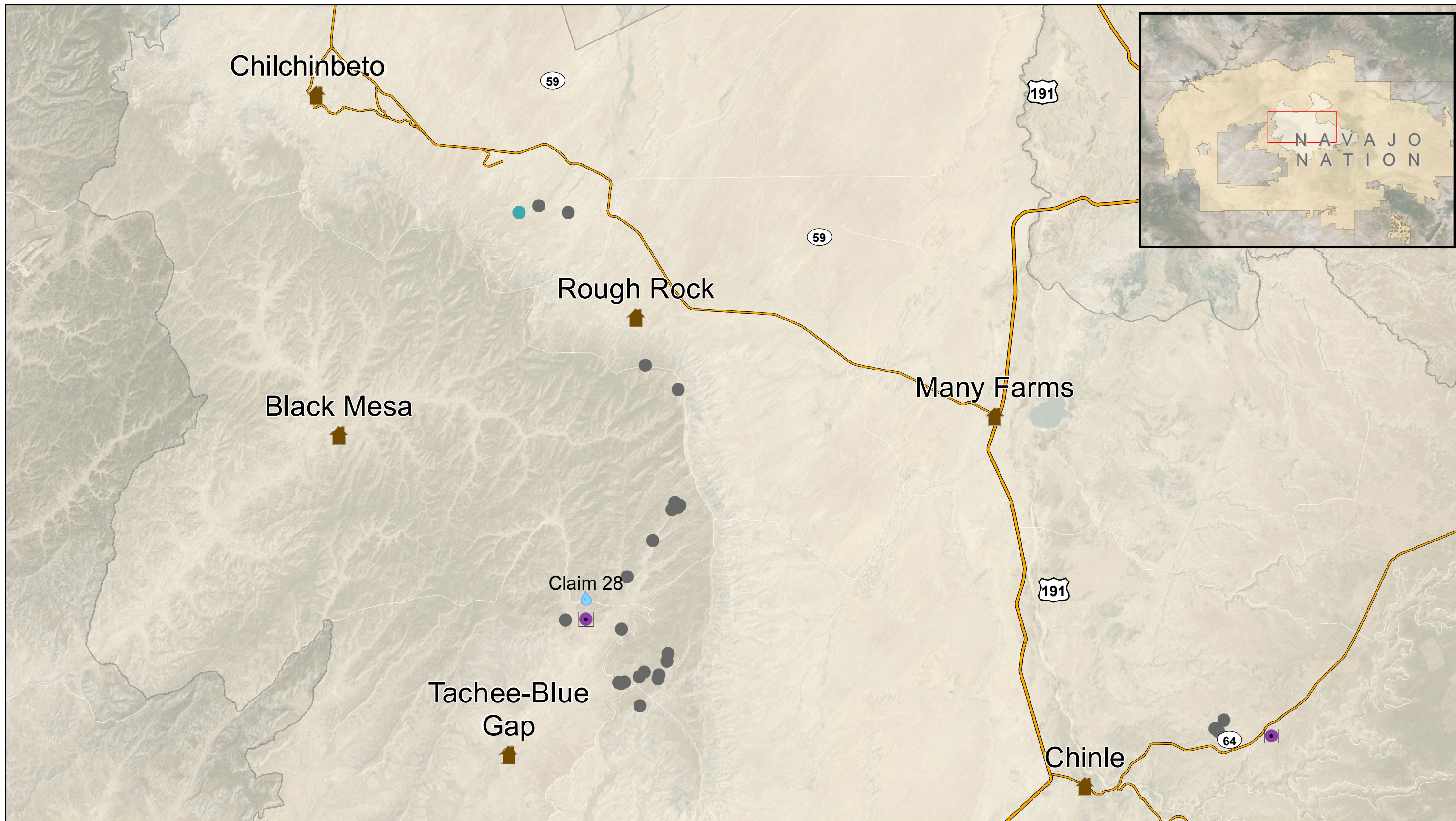
CYPRUS AMAX AND WESTERN NUCLEAR SETTLEMENT

In 2017, the United States and Navajo Nation entered into a historic settlement agreement with Freeport-McMoRan subsidiaries, Cyprus Amax Minerals Company and Western Nuclear, Inc. The settlement funds the assessment and cleanup of 94 abandoned uranium mines on Navajo Nation, including one mine in the Central AUM Region. This settlement addresses almost 20% of the abandoned uranium mines on the Navajo Nation.

The Cyprus Amax mines are located in the following chapters: Red Valley, Sweetwater, Teec Nos Pos, Cove, Shiprock (Northern AUM Region); Oljato, Dennehotso, Kayenta (North Central AUM Region); Chilchinbeto (Central AUM Region); and Smith Lake (Eastern AUM Region).







## Navajo Nation - Central Abandoned Uranium Mine Region

- |                                  |                 |                         |
|----------------------------------|-----------------|-------------------------|
| Phase 1 Trust Mines              | All Other Mines | Phase 2 RSE Water Study |
| Cyprus Amax/Western Nuclear Mine | Priority Mines  | Chapter Houses          |

